

1642

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PTO/SB/21 (05-03)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/638,210
		Filing Date	August 7, 2003
		First Named Inventor	ZHANG, DONGXIAO
		Group Art Unit	1642
		Examiner Name	
Total Number of Pages in This Submission	4 + refs.	Attorney Docket Number	EPIT-001
<b>ENCLOSURES (check all that apply)</b>			
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO/SB/08A 2. Copies of cited references 3. Postcard	Remarks
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>			
Signing Attorney/Agent (Reg. No.)	JAMES S. KEDDIE, PH.D., 48,920 BOZICEVIC, FIELD & FRANCIS LLP		
Signature			
Date	January 22, 2004		
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<b>INFORMATION DISCLOSURE STATEMENT</b>  Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket	EPIT-001
	First Named Inventor	ZHANG, DONGXIAO
	Application Number	10/638,210
	Confirmation No.	5792
	Filing Date	August 7, 2003
	Group Art Unit	1642
	Examiner Name	
	Title:	"HUMANIZED RABBIT ANTIBODIES"

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. EPIT-001 may be charged thereon.

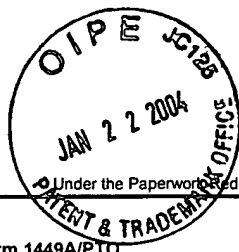
Respectfully submitted,  
BOZICEVIC, FIELD & FRANCIS LLP

Date: January 22, 2004

By: 

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Substitute for form 1449A/PTO		<b>Complete if Known</b>			
		Application Number	10/638,210		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	08/07/2003		
		First Named Inventor	ZHANG		
		Art Unit	1642		
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	EPIT-001

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US- 4,816,397		March 28, 1989	Boss, et al.	
		US- 4,816,567		March 28, 1989	Cabilly, et al.	
		US- 5,225,539		July 6, 1993	Winter	
		US- 5,530,101		June 25, 1996	Queen, et al.	
		US- 5,585,089		December 17, 1996	Queen, et al.	
		US- 5,639,641		June 17, 1997	Pedersen, et al.	
		US- 5,693,761		December 2, 1997	Queen, et al.	
		US- 5,693,762		December 2, 1997	Queen, et al.	
		US- 6,180,370		January 30, 2001	Queen, et al.	
		US- 6,329,551		December 11, 2001	Nakagome, et al.	
		US- 6,331,415 B1		December 18, 2001	Cabilly, et al.	
		US- 6,342,587		January 29, 2002	Barbas, III, et al.	

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					

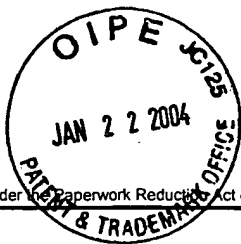
OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		BECKER et al., Somatic diversification of immunoglobulin heavy chain VDJ genes: evidence for somatic gene conversion in rabbits, Cell, (1990), 63:987-997	
		DELAGRAVE et al., Effects of humanization by variable domain resurfacing on the antiviral activity of a single-chain antibody against respiratory syncytial virus, Prot. Eng., (1999), 12: 357-362	
		KNIGHT et al., Molecular basis of the allelic inheritance of rabbit immunoglobulin VH allotypes: implications for the generation of antibody diversity, Cell, (1990), 60: 963-970	
		MOREA et al., Antibody modeling: implications for engineering and design, Methods, (2000), 20: 267-279	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<b>Application Number</b>	<b>10/638,210</b>
				<b>Filing Date</b>	<b>08/07/2003</b>
				<b>First Named Inventor</b>	<b>ZHANG</b>
				<b>Group Art Unit</b>	<b>1642</b>
<b>Examiner Name</b>					
<b>Sheet</b>	<b>2</b>	<b>EPIT -001</b>	<b>2</b>	<b>Attorney Docket Number</b>	<b>EPIT-001</b>

<b>OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS</b>			
<b>Examiner Initials*</b>	<b>Cite No.<sup>1</sup></b>	<b>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</b>	<b>T<sup>2</sup></b>
		PEDERSEN et al., Comparison of surface accessible residues in human and murine immunoglobulin Fv domains. Implication for humanization of murine antibodies, J Mol Biol., (1994), 235:959-73	
		POPKOV, Rabbit immune repertoires as sources for therapeutic monoclonal antibodies: the impact of kappa allotype-correlated variation in cysteine content on antibody libraries selected by phage display, J Mol Biol, (2003), 325:325-35	
		RADER et al., The rabbit antibody repertoire as a novel source for the generation of therapeutic human antibodies, J. Biol. Chem, (2000), 275:13668-13676	
		ROGUSKA et al., A comparison of two murine monoclonal antibodies humanized by CDR-grafting and variable domain resurfacing, Prot. Eng., (1996), 9: 895-904	
		ROGUSKA et al., Humanization of murine monoclonal antibodies through variable domain resurfacing, Proc. Natl. Acad. Sci., (1994), 91: 969-973	
		STEINBERGER et al., Generation and characterization of a recombinant human CCR5-specific antibody. A phage display approach for rabbit antibody humanization., J. Bio. Chem., (2000), 275(46): 36073-36078	
		VASWANI et al., Humanized Antibodies as Potential Therapeutic Drugs, Ann. Allergy Asthma Immunol., (1998), 81:105-119	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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